Appendix 2. Pages of David Fairchild's collection books pertinent to Colombia. These collections were made during the 1941 Expedition to Colombia, Guatemala and Panama by David and Marian Fairchild. Courtesy of the Archive and Library of Fairchild Tropical Botanic Garden.

1941

1001 to 1050

Begun Panama VI 29

Closed Villavicencio VII 28

Flacourtia 1001
Elaeocarpus 02
Aristocarpus 03
Eugenia 04
Syzygium 05
Renealmia 06-44-47
Stephanus 07
Noronha 08
+ garcinia, 09
Palm. Sp New? 10
Terminalia 11
+ Inga 12
Atalantia 13
Eucharis 14
Annum 15
Vitis 16
+ Heliconia 17
* Pellicieria 18
Lucuma 19-20-27
Attalea 21
Catasetum 22
* Ceroxylon 23
Aiphanes 24
Annona 25
Cyclanthera 26
+ Scheelea 28
++ Cereus 30-37
Annona 31-50
Orthosanthus 32
Rubus 33, 34.
+ Rheedia 35
guilielma 36
Carica 38
Schweinfia 39
Sorghum 40
Cobaea 41

1012

Inga sp.

The "guama" of Colombia
Pods ~~are~~ borne in numerous
pods ½ in thick and 2 ft
long. The have each
a white sweet aril that
is favorite ~~regard~~ to
eat

but not very
sweet. Said to
a fine shade tree
in neighborhood of

Barranquilla Colombia
June 27-1944
Market

Try on lowlands.

3/6/42 6 pl.

1020

Lucuma ? A good fruit which has characters of both a Lucuma and a Chrysophyllum. Its leaves are distinctly like Lucuma but the fruit flesh is like that of a star apple. It has milky juice and the juice from the fruit sticks my lips together.

Its flesh is translucent as the star apple too. The leaves are dark glossy on both sides, they are pointed at both ends with prominent veins. The branchlets remind one of those of Lucuma reddish brown. The fruits, light yellow & glossy measure 3½ in long x 2 in wide. One seed

Thick rind

Given me off a tree 20 ft tall in dooryard in Perrera Col by Dr T. J Galloway botanist in charge of this fruit Jan 10-1941

See Dugand, p. 58.

1021

Attalea amygdalina HBK
"Palma almendron" from
~~[illegible]~~ Aguadas
Colombia. Large feather
palm without trunk, large
leaves rising from ground.
The seeds are 2½ in long very
hard and
Contain

3 edible oily seeds that
taste like Coconut. ~~[illegible]~~ These
are eaten in quantity where the
Palm occurs says Dr Dugand
of Bogota who has

determined this
provisionally. Given
me by Dr F. J. Galloway of
Pereira Col. A native of
Antioquia Province.
July 10. 41

3 large palm seeds Pereira Col. July 10 41
from aguadas on
high dry mountain side
5000 ft alt Lvs 20 ft. rise
from ground Edible nuts
oil expressed Dr F. J. Galloway

Dr Dugand prov. det.

1022

Catostigma, Sp

A slender, solitary stilt
Palm 70 ft tall with rather
short stout pinnate leaves
and fruit spathes that stand
out horizontally & are very
blunt pointed. I only saw
them with field glasses
Not a wax
palm.

Said to be called the
"Bollita" Coll on N. Side
of road at Alta Robles between
Pereira and Armenia
on place of José Calad near
Cruces Seeds call under
the palm. Fruit 1" in rough
skin Seed marked with
many reddish veins. Endosperm
NOT ruminated. (embryo basal)
W. Side of Quindio, 6000 ft
Scattered over high tableland
may grow in California
July 11 Photos 25408-1-9.

feather palm 70-80 ft
stilt roots called "Thumb"
"Bollita" Alta de Robles
Pereira and Armenia 6000 ft
N. Side of road ½ m. from
José Calad [illegible]
VIII-11-41

1023 André

Ceroxylon ferrugineum,

The Western species of Wax Palm according to Duquand. See Palmas de Colombia & Caldasia No 1 1940 p. 37. who examined these leaves & specimens. See footnotes re this

Coll. from

Dr. F. J. Galloway's Ranch above Salento on the Quindio River on the West side of the divide. See photos. 25406 1-12 + 25405-5.6.7. 25404-5-10

July 11-1941

July 11-1941.

Ceroxylon ferrugineum André from abov. Salento Quindio River, W side of Mts. ~~Mt~~ Dr. Galloway's Ranch

Ceroxylon ferrugineum André from above Salento Columbia. Dr. Galloway's ranch W slope of Mts. July 11. 1941

1024

Aiphanes sp "Chascaray or Palma Oram"
from Buga la Grande Colombia
City square when used as an ornamental. Very slender beautiful solitary palm with leaves forming cluster at top of stem. Fruits red

and showy. This strikes me as different & more beautiful than the Martinezia caryotifolia

and may be one of the 17 species reported from Colombia. Should be tested in comparison with it.

Coll. July 11. 1944
Determined provisionally by Dr. A. Dugand, Bogota.
See Photos 25408-4,5

1025

Annona squamosa

The small round sugar apple of the low countries of Colombia See photo 25402-12 taken on market in Bogota There seems to be a firmness about these fruits & a uniformity of shape that gives them a different look from that of the Florida grown variety. Introduced for breeding purposes. Fruits gathered in market in Cali Colombia July 10-1941

1026

Cyclanthera explodens?
So called "Pepino" which
is a general name for
Cucumber. Fruits green,
shaped like the body of
a duck with thin walls
and without pulp in-
side — hollow. Grow on
a vine
of Type of

Cucurbitaceae.
When cooked these fruits
are very delicate and
could be used for stuffing
with meat etc.

Call on Quindio
river near Salento
growing in dooryard
near Boquia. D. Durand

See photo 25398-3.

Says these seeds may
be of either C. pedata
"Pepino de rellenar" or C.
Explodens "Pepino Crespo"
or "Pepino diablito." July 10-41

1027

Lucuma sp.

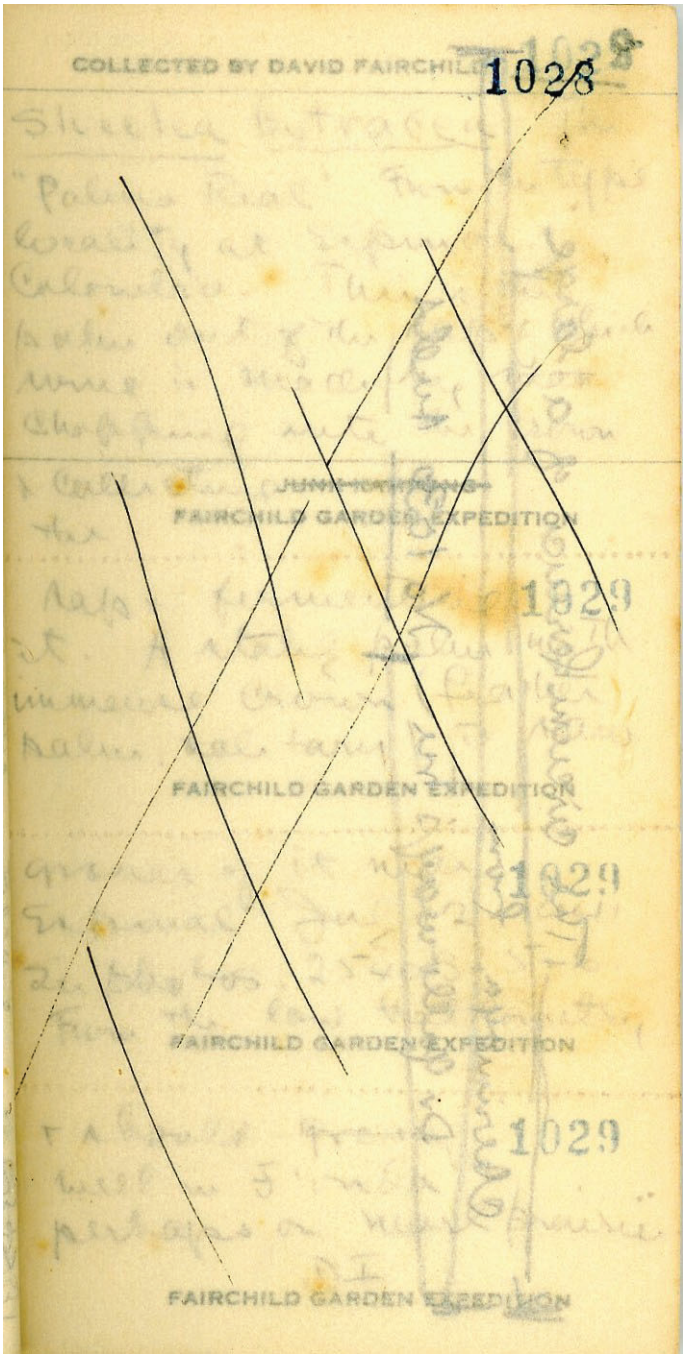
An oblong yellow fruit 2½ in long with fruit flesh that is almost translucent and very juicy & sweet reminding one of the R. nervosa but of quite

different consistency & and character - more like the Caimito ? Of this see Brown in Florida. It will be a rare addition

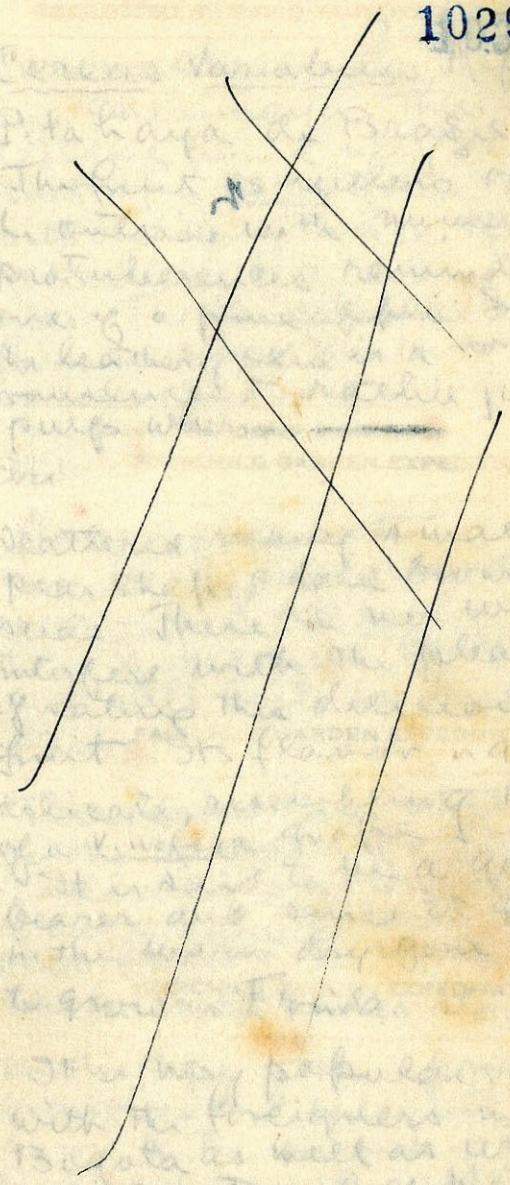
to our Edible Fruits
I did not see the Tree.
From the market in Cali Colombia. It is there called
the

"Caimo" Dr F J. Galloway
of Perera had a tree in
his yard He says fruits freely
fruits are 3 in across See p 2534
W. P Notes. Leaves remind me of
Lucuma sp.

July 10. 41


COLLECTED BY DAVID FAIRCHILD
1028
FAIRCHILD GARDEN EXPEDITION
1929
FAIRCHILD GARDEN EXPEDITION
1929
FAIRCHILD GARDEN EXPEDITION
1029
FAIRCHILD GARDEN EXPEDITION

1029



1030

Cereus Variabilis, Pfeiffer
"Pitahaya de Brasil"
The fruit is yellow on
the outside with numerous
protuberances reminding
one of a pineapple. Inside
the leathery skin is a whitish
translucent rather juicy
pulp wherein
are
scattered many small
pear shaped dark brown
seeds. These in no way
interfere with the pleasure
of eating this delicious
fruit. Its flavor is quite
delicate; resembling that
of a V. vinifera grape.
It is said to be a good
bearer and since it grows
in the warm dry zone ought
to grow in Florida.

It is very popular
with the foreigners in
Bogota as well as with
the Bogotans. Coll. Market

Bogota July 17. 1941
Colombia

1031

Annona cherimola The
True Cherimoya These seeds
(25) came from a very large
fruit of a dark green color
without any trace of pro-
tuberances but many sunken
areas. The fruit before him
from the same tree is over 6 in
in diameter and 5 in long.
he finished
The

flavor of its rather
firm flesh perfectly delic-
ious — not so juicy as
those of Madeira for example
but still quite as fine in
flavor.

These came from a tree
on the ranch of Dr F J
Galloway on Quindio
River above Solento at
6000 ft alt. To make the
tree fruit the hangs stones

on the tips of the upright
branches and weights them
down to the ground. The
seeds are rough - not smooth
as are those of the Atemoya
July 10 1941 Colombia.

1032

Orthrosanthus chimboracensis

Liliaceous plant with habit of an Iris and pretty blue? flowers leaves much more coriaceous than those of Iris - Tough + strong.

Requires acid soil in all probability.

Coll

on the Paramo of Quasca at 10000 feet alt.

The experiment of growing this at Sea level in a much more northern latitude is worth while.

July 20-1941

1033

Rubus bogotensis Thos

is the giant raspberry of Fusagasuga, Colombia that 19 years ago Wilson Popenoe sent us and we tried to grow in the Puget Sound region. The fruits are

---

heart shaped

and deep red + 2 in x 1½ in in size. They are full of large hard seeds but have a thoughtful acid flavor & a good deal of juice

I sent them in for the Plant Breeders to grow + get pollen from for crossing. Try in the cool house. It is never cold never dry + never very hot where they grow at 6000 ft + elevation below Bogota in the cloudy region of the Andes. Cuttings from fruit bearing canes by a lady in Bogota. July 11 41

1034

Rubus floribundus
very floriferous + productive
stems + black raspberry.
Found on the Paramo
of Guasca at 9000 ft
alt N of Bogota Colombia
July 20-1941 This will
not
grow

Imagine at
Pasadena here in the
"Cool house" of some
greenhouse it might
flower

Furnish pollen
for breeding purposes
I am sending a
few seeds to Dr Went
of Pasadena.

July 20-41

The fruits were
small, crowded on the
branch rather sour +
black when ripe. The
determination is by
Dr Dugand of Bogota Colombia

This is probably R. lateriflora or perhaps R. acuminata (Pers.) Planch. & Triana H.Tx

S. 1035

Rheedia sp.

The Madroño of Villavicencio Colombia. The species is distinct from one called the in the gold climes of Cali. Its private pick! give it a resemblance to some of the

species of Garcinia to which the genus is related. The fruit has a thick rind & fruit pulp that is white, flavorous and with an acid refreshing pulp that is reminiscent of the mangosteen. I believe this is worth study as a table fruit. Its size & quality could be improved by selection. These seeds came from fruit cultivated in a garden in Villavicencio. Seeds large 2-3 in a fruit. See photo 25399-2

1036

Guilelma utilis - Seed of an unusually large fruited form of the Pejibaye that Nelson Popenoe brought to Bogota from Guayaquil, Ecuador. Papuar Nap

its fruits are "cherry" in point of size and quality & its flesh. He gathered seeds for her

Collections in Lancetilla Honduras I gave no name. I have long believed this palm was a new

important food plant for the tropics. Some seeds should go to Soledad To Grow. Then to Summit gardens Panama July 20. 1941

Elaeis oleifera Panama

Seeds small, not 1/2 in. of fruit

1037

Cereus Pitahaya

One of the many species of Pitahayas" which are grown for their pretty red fruits. These are 3 in long ovate smooth with a few protuberances and of a brilliant red color. They have a fruit pulp that is brilliant carmine or blood red in color and scattered through the juicy red pulp are many black seeds which do not interfere with the eating qualities of the fruit. Its flavor is not pronounced and is inferior to that of No 1030 Bought by Mrs Wilson Popenoe in the market of Bogota Colombia July 12-1941 This would be a showy fruit for use in fruit cups because of its color.

1038

Carica candamarcensis ?

The mountain Papaya of the Andes which produces small fruits 4 in. long that are filled with a watery pulp which is made up of the arils of the numerous seeds. The flavor of this pulp is agreeable but not "exciting". The walls of the fruit are thin and not edible like those of the true Papaya.

This can be flowered in an air conditioned greenhouse its pollen may make a hybrid with the Carica Papaya. Mr Kupnick of the Sub Trops Fld Sta at Homestead may want these July 12 - 1941

1039

Schizerima cordifolia Kvst.
The beautiful "Siete cueros"
de Bogota" A handsome
small tree of the Melastom-
aceae with large beautiful
purple red flowers which
it produces in abundance
Why it is called the
Seven
Skins
or Seven Barks I have
not found out
It is used in the parks
of Bogota & Wilson
Dobson and I
gathered these seeds
from a tree in the "Parco
Nacional" in Bogota
July 21 – 1941 Try it in
California San Diego
or near San Francisco
as well as in North
Florida from 9000 ft
alt. to the other fruits southern

1040

Sorghum sp. maiz Vulgare
Maiz Mello" At a Colombian
dinner called "Chocolate
de Santa Fe" at Mrs
Jaime Samper's house
in Bogota she served a
most delicious kind
of popcorn The kernels
were not
nearly
half as large as
those of our common
Popcorn + much more
delicate in flavor +
much tenderer
a great fancy to this
delicious popcorn
+ wish it could be tried
in America. I learn it
is made of a species
of millet that was intro-
duced into Bogota
many years ago
when Bogota was known
as "Santa Fe" July 20-41

Cephaelis sp. 1041
tomentosa

Undetermined
Scandent shrub growing
in shade of forest of
Bosque Ocoa near Villa-
vicencio Colombia. Its
flower head is 1 in across
- from it rise brilliant blue
fruits 1/2 in tall + this shape

There are in striking
contrast to the large lacque
red bracts shaped with
green which subtend the
head + make a most
striking show.

The two opposite
bracts are 2 in across +
are joined together at their
bases. Would be a showy
plant for patios + flower
arrangements. VII 24-41

Undetermined
Scandent shrub
from Bosque Ocoa
Villavicencio.
VII 24-41

Monimiaceae Siparuna neelensis?
Monimiaceae 1042

Undetermined Scandent shrub
with very strong scent of
lemon verbena + small red
fig-shaped fruits.
In the dense bush of
the forest at Bosque Ocoa
Villavicencio, Colombia I
scented a most agreeable
strong odor of lemon
Verbena.

It filled the air with
its fragrance and now by
chewing the hard nuts from
its kicked red fruits I find
the place is redolent with

this agreeable odor.
This would be worth a
trial in patent Medicine.
July 24-1941

Scandent shrub
with scent of lemon
verbena. Fruit bright red
Tfig shaped. Bosque Ocoa
V. Villavicencio Col VII 24-41

Araceae 1043

Philodendron? sp

Slender spreading with long petioled palmately parted leaves that give it a most delicate appearance and dark green. The fruit resembles that of a

Monstera deliciosa
3 to 4 in long x 3/4 in diameter orange when ripe. The palmate leaves

will make this a desirable plant for Patios. Coll. Bosque Ocoa Villa Vicencio Col
VII 24-41

Philodendron?
Bosque Ocoa
Villa Vicencio Col.
VII 24-41

1044

Renealmia aromatica?
Large handsome leafed
plant related to the
gingers grows in wet
places in shade. Sends
up handsome clusters of
flowers from base of
tall petioled
leaves.

Salmon pink in color
This is followed by a
showy fruit cluster of
large lacquer red fruits
an inch long. would

be valuable for
mark around pools
in patios might grow
on mark praires. VII-24-41
Bosque Ocoa Villavicencio Colom

Renealmia aromatica?
Fr. Bosque Ocoa
Villavicencio
VII-24-41

1045

CALATHEA macrosepala Schum?

The upright broad leaves on long petioles mark it. fine shoots w most leaves forming petioles & leaves size — It might grow on moist prairies in Fla.

This corresponds to the description of the Calathea in Standley's Flora of Canal Zone Valley p 143

The flowers are white blue & no not [illegible] quite ripe. Coll Bosque Chico Villavicencio Col. VII-24-41

1046

Bromeliad. undetermined.

The leaves are 2 ft
long with spiny margins
The flower stalk and
angle 18 to 20 inches
horizontal branches
and numerous drops
dull
red

bracts 2 in long
from the ~~base~~ ~~base~~
bases of the lower
branches. I did not

see it in flowers
but gathered its small
white hard ~~berries~~
fruits I suspect it
may prove a handsome
species for cultivation.
From shady tree trunk
in Bosque Oca a Villa-
vicencio Colombia
July 24 - 1941

1047

Reneal mia sp

The fruit stalk I have found bears red flowers at the tip and a large number of strong fruits that are black when ripe 1x1 inches with persistent yellow calyx showy

The leaves are long & coarse and would make stunning effects around pools I might grow on the low mark

Prairies of S. Florida

The whole flower cluster rising from the base of the leaves is over 2 ft long. The seeds are imbedded in a yellow stringy pulp. From Bosque Dean Villa Vicencio Colombia July 24 1941

Matisia cordata H. & B. according to Brother Apolinar Maria 1048 of Institute de la Salle

Undetermined fruit called "Sapote" Sold on market in Villavicencio Colombia

25393-7.8
25516, 3-6

See photo 25398. 1-2
25394, 4, 5, 6.

In shape like a young coconut with large persistent calyx ~~lobes~~ at base and mammillate apex. 3½ in diameter, of ~~hard~~ green

Color +

covered with very short pubescence - scales almost golden color in sunlight. Rind firm ¼ in thick enclosing 5 large seeds imbedded in a ~~fibrous~~ juicy pulp of bright ~~orange~~ color. The pulp has a pleasant taste reminding me of ~~so~~ fresh coconuts

The tree is a large one with pubescent simple leaves like a catalpa. Fruit borne on large branches. Grows here in Villavicencio in patios not wild.

Coll. July 21-41

See Wilson Popenoe & Cont. U.S. Nat. Herb. Vol 24 part 5. pp 122. in which he names it Matisia pauciloba

Crangier? sp: Alloplectus sp

1049

P.I. No 142578.

Gesneriaceae ?

This is a marvellously beautiful succulent shrub. We found it on the road bank above the Town at alt. 2500 ft in shade. Its leaves ovate, petiolate with sinuate margins are 4" to 6" long, of a soft velvet texture + shining veins olive green above and a beautiful purple red below. Superb as a foliage plant alone. The flowers are terminal cluster wine red 2 in. Sepals down the tube like corolla. Fruit ½ in purple soft filled with mucilage in which are hundreds of elongated almost microscopic seeds.

If new would be a great addition to hot house plants. Its strong leaves in strong contrast with brilliant flowers.

Caution! Seeds would require special care because of minute size.

See Photo 25396-6

Villavicencio Colombia

VII-25-1941

1050

Annona cherimola

Seeds of a small dark green Cherimoya that is sold on the market here. Its seeds are mottled brown & black and

I think it may be a distinct variety.

From Market of Villavicencio, Colombia

July 28 - 1941.

Siparuna 42
Aracae 43
+ Renealmia 44–47
Calathea 45
Bromelia 46
Matisia 48
Alloplectus - 49
(Cranzia)
Annona 50

1941

1051 — 1100

Begun in Las Cervitos
Llanos Oriental VII 19.
cloud Maraquita Col.
IX 26

Euterpe precatoria 1051–54
+ Mauritia minor 1052
Melastomaceae – 53
Astrocaryum vulgare – 55
+ Geonoma polycarpa 1056
+ Oenocarpus Mapora – 57
Guilielma gasipaes – 58
+ Ravenala guianensis – 59
Maximiliana elegans – 60
Socratea elegans – 61
Undetermined Palm – 62
" Vine Rubiaceae – 63
Koehleria – 64
Costos? – 65
Acroconia – 66
Datura Sanguinea – 67
+: Dahlia pinn. fl. – 68
Aiphanes sp – 69
Capsicum – 70
Cerokylon – 71–98
Carica cundamarcensis 72
Opuntia – 73
Juglans – 74
Persea americana – 75
Acroconia sp – 76
Triplaris americana (Bolivensis) – 77
Heliconia sp. – 78
Annona Capuleia – 79
Annona cherimola – 80
+ Aroia (Zuluaga) – 81
Pasoqueria latifolia – 83
Tradescantia multiflora – 84
Bromelia – 85
Parviflora – 86
Bignoniaceae – 87–89
Parviflora Capularis – 89–92
Seriania sp – 90
Gynerium Saqui Haltum – 92
+ "Toronja" of Akawaio – 93
Quercus – 94–
Sacoia – 95
Cecropia – 96
Clusiaceae medallin – 97
Mata curata – 99

Terra firme to 1100

MAIZ PEPE of Llanos

1051 Mart.

Euterpe precatoria

Tall graceful solitary feather palm reaching To 50 Ft with slender pole like trunks Leaf sheaths 3-4 feet long green striped The male inflorescence flowers not seen fruits 3/8 in shiny black fruit flesh Thin, stains purple Round Los Cerritos, Meta

Llanos Colombia July 29-41

Euterpe precatoria?
Los Cerritos Macarena
Meta Llanos Oriental
VII-29-41

Euterpe precatoria?
Los Cerritos Macarena
Meta Llanos Oriental
VII 29-41

Euterpe precatoria?
Los Cerritos Macarena
Llanos Oriental Colombia
VII-29-41

Photos 25394-1-2 1-9 25395-1-9

1052

Mauritia minor, Burret 2

Robust solitary palm with rather short leaves rising to 40-50 feet In groups standing in mud or water along streams on Llanos Oriental Meta Colombia Male inflorescence 6 Ft long female ditto fruit 5½ x 4 cm seeds small 4 mm x 6 mm color dull orange red ——— fruit are oval not globular VII-29 Los Carritos

Mauritia minor Burrit 9
Llanos Oriental
Carritos Richmond Oil Co
camp. Macarena VII-29-41
D.F

Mauritia minor Burrit
Llanos Oriental
Carritos Richmond
Oil Co. VII 29-41

Mauritia minor
Llanos Oriental
Carritos Richmond
Oil Co VII 29-41

See photo 25394-2

1053

Melastomaceae.

Pretty small leaved shrub 10 ft. with terminal clusters of purple fruits giving it the look of a lilac. These fruits are minute 1/8 in. round, decorative. The leaves are 2-3 in., pointed with 3 veins. Found growing by roadside near Airport Villavicencio Llanos Oriental Colombia VII 30-41

Melastomaceae
10 ft shrub
roadside near Air Port
Villavicencio Colombia
VII 30-41

Melastomaceae
10 ft shrub
roadside near airport.
Villavicencio Llanos Oriental
VII-30-41

See determination of Elas
their when in flower. Elas
have white clusters.
Specimen sent to Dugand
Aug. 41

Euterpe precatoria ? 1054
Same as 1057

Maizpeke v. monaco

~~Cur~~ "Churrubay" of Llano

Dark green foliage Trunk
palm of handsome habi
occurring on edge of forest
25ft ~~tall~~ Solitary. Fruits
dark olive green. Probabl
requires shade. V. IIa Vicinity
Llanos Colombia Senor
VIII-2.41
M. Castros place

Syagrus?

"Churrubay" according
to Misael Castro of ranch
near Hyperion road to
Puerto Lopez V. IIa Vicinity
VIII-2.41 Seeds small for this

Syagrus?
Churrubay according
to S Misael Castro.
Seeds small VIII-2.41

"Churrubay" of
Sig Misael Castro on
whose ranch occurs
near Hyperion Port V. IIa Vicinity
VIII-2.41

1055

Astrocaryum Vulgare

Seeds given me by an admirer of Palmaces who lives in V. Ilavicencio I understand it is known as the "Cumare" on the Llanos of Colombia "Llanos Orientales"

Aug. 2. 1941

I did not see the palm.

See photo 25392-11,12,1

Jessenia polycarpa. 1056
"Unamo" of Llanos Orientales
a 60 foot tall very handsome
palm with feather pinnae, leaves
6 ft long 3 ft across sharply
pointed leaflets. The oil from
fruit said to contain spiced
V. taminus by Bochell. Leaf bases
very broad. Fruit clusters very
ornamental. From cut over
land Misael Castro's near
Villavicencio
Colombia VIII-2-41

May ripen acid said
but should be used on
near prairie. Very
striking, handsome tall
species. See photos of Jorge
Bochell climbing one

Jessenia polycarpa
"Unamo"
Coll on Misael Castros
Ranch beyond Air Port
Villavicencio Col - VIII-2-41

Jessenia polycarpa
Unamo
Coll on Misael Castros
Ranch Villavicencio
VIII-2-41

Photo 25390-56.7

1057

Oenocarpus Mapora, Karst.
"Pusuy" of Klaves Orientales.
May be a new sp. says
Dugand. Forest palm.
from shade Misael Castro's
ranch beyond airport Villa-
vicencio Colombia Flower
cluster covered with brown
powdery pubescence very
strikingly putty. 2½ ft long
seeds born near ~~base~~ lower
~~only~~ half of cluster
only Fruits round, black
1 in long persistent stigma
Leaves dark green 8-10 ft
leaflets pointed. very long dark
sheath. Flower sheath 3 ft
brown tomentose sheath spl. ts obsc VIII 2 41

Oenocarpus Mapora, Karst
Pusuy of Klaves Orientales
S.q Misael Castros ranch VIII-2-41
beyond airport Villavicencio Col.

Oenocarpus
Mapora, Karst
Klaves Orientales
Pusuy "S Misael Castros Ranch
Villavicencio Col. VIII. 2. 41

Photo of palm 25392-10

1058

Guilielma gasipaes, (HBK) Bailey?
Durand says There are distinct
varieties of The Guilielma in
Colombia. This one seems to
be a small fruited form of
perhaps inferior eating
quality. Fruits 1½ in only
For the collection of the most
important food palm of
S.H. Call _____ under
cult palm at
Finca Rosa Blanca Villa Vicencio

VIII-2-41
Jorge Boshell tells me of
a very large fruited variety
he saw between Otro Mundo &
Jesus Maria in S Santander
Prov 3 in in diameter

This may be of the other
species Durand says
There is a spineless species
in Colombia.
Dr Klanos Oriental called
"PE PIRE" VIII-4 1941

1059

Ravenala guianensis ?

I think there are only two species of Travellers Tree + that this is the species of the Western hemisphere. Its gorgeous scarlet arils are as striking as are the gorgeous blue

arils of the Madagascan species. We tried once to grow this in 1932 but failed. Try these in pure peat soil in shade

From jungle on the
Villavicencio Air Port
Colombia VIII - 2 - 41

1060

Maximiliana elegans Kunth ?

The Güichire of the Llanos
Orientas of Colombia Coll.
on Misael Castros ranch near
Air Port, V. Ilavicencio May be
different from The Species
according to Dr A Dugand of
Inst de Ciencas Natural. Bogota

Tall coarse
palm tree

holds its leaves +
leaf bases making a
clumplike effect until
quite old, Then on bronze
looks like great umbrella
See photo of scattered specimens
25388-1

Feather palm adapted
to moist lands. Try on
The Marl Prairie.

VIII - 2 - 1941

Photo 25384-9, 10, 11

Socratea elegans, Kunt. 1061

~~Iriartea sp.~~? Called "Choapo" in Llanos Oriental A handsome ~~tree~~ palm with stilt roots 3-4 ft long. Solitary and with inflorescences having 3 ~~spathes~~ thick spathe and often 3 or more feet long + curved like a cows horn downwards giving the palm a characteristic appearance. Embryos in the seeds are ~~apical~~, not dorsal or lateral which ~~is~~ varies a question.
Coll on Misael Castros ranch near Air Port V. Havicencio Colombia VIII-2-41

Iriartea?
"Choapo" stilt palm
Solitary with inflorescences
Curved like a horn Embryos
terminal M. Sael Castros VIII-2-41
near Air Port V. Havicencio Col

Iriartea?
"Choapo" Stilt palm Solitary
with curved inflorescences
with terminal embryo Coll
M. Sael Castro ranch Air Port
V. Havicencio Col VIII-2-41

Undetermined Sp Palm
1062

Geonoma ? g metensis ?
Perhaps The Nucleus of
"Maraya" of the Llanos
Orientale.
A shade loving palm of
medium stature with
leaves that persist i.e.
dry up and
make the palm look shaggy

Inflorescence a beautiful
yellow color with branches
Spathe yellow underneath
Shining Glyset. Photos
25560, 2 and 25559-4
Coll Quenane River Route Puerto
Lopez Llanos, Oriental
Aug 5-1941
near Villavicencio Colombia

Bot. spec sent to Dr Dugand
for identification. Aug 20-41

Geonoma ?? = Undetermined Palm
G metensis
Quenane River Route Puerto
Lopez near Villavicencio Colombia

~~Nicoria sp.~~ Rubiaceae

1063

Undetermined vine with
purple tubular red flowers that
hang in graceful masses from
the forest trees along the
Ourinare River en route
V. Navicencio to Puerto Lopez
The flowers have 2 large bracts
that enclose those + the purple
brown fruits
3 1/4 in long + 1/2 wide have
each a single seed
shaped like seed of a pine
The fruit flesh is slightly
sweet The whole plant +
is covered with long brown
coarse hairs.

See photo of Nancy
with a flowering branch
25560-1

Undetermined red
flowered vine with
purple brown fruits.
Ourinare River Llanos Oriental
near Villavicencio.
VIII-5-1941

Kochleria sp (Gramineae) 1064

Undetermined Tall pink flowered erect annual which grows in the rank grasses of the Llanos and makes a pretty show. Its flowers are tubular 2 in long and resemble one of our pentstemons. Leaves dull pubescent stem scaly. Grows 2½ ft along roadside ditch

Roadway Villavicencio
To Puerto Lopez Llanos
Oriental Colombia
VIII - 5 - 41

Undetermined pink
tall annual in Tall Grass
by roadside Villavicencio
To Puerto Lopez VIII - 5-41
DF

Not identified.
not identified

1065

Costos sp Bears very large (papery texture) white flowers that are almost as showy as an orchid while they last which is only one morning. They are 3 in across. The plant is a shade lover and grows 6 feet tall in the edge of the jungle along the road to Puerto Lopez Rom

Villavicencio Colombia. The flower had a red and 6 in by 3 in. and decorative

VIII - 2 - 41

Costos sp large white flowered species 6 ft tall. Roadside Villavicencio - Puerto Lopez Col

VIII - 2 - 41

1066

Acrocomia sp?

Probably not yet described
Fruits only seen Coll. by
Gerardo Bustamante in
region around Cerritos.
Llanos Orientales S of Villavicencio
VIII 44—41 Sent me through
B. L. Skipper
Richmond Va Co.

The fruits are quite
2½ in across perfectly smooth
— without stringy hairs —
green in color they may be
immature.

But are the largest fruits
of any Acrocomia
I have seen. I saw another
species that had many
stringy ~~hairs~~ short brown hairs
on the young fruits.

1067

Datura sanguinea ? One of the "Borracheros" of Colombian literature. In the cool highlands (5000 feet) this forms a tree 20 ft+ high with masses of pendant flowers several inches long and that are red bordered. I.e. they look like the flowers of Datura arborea

that have been dyed.
Since D arborea grows well in S Florida this handsome form may grow there too.
Arbelaez says there is a rose colored species in the Cajamarca Cordilleras but I never saw it.
Quick growing succulent tree with large pubescent leaves.

Like all Daturas this leaves + especially the seeds are poisonous
Compare this with

Bactris cuvaro ?
Perhaps B. gracilis Wallace ?
Leopoldinia Piassaba, Wallace.
This is I think the "Chiquichiqui"
palm but Dr. Dugan has
been sent herbarium material
that will determine it. It is
characterized by almost
entire broad leaves that
do not split up into segments
by long black spines or leaves
by thick felt of brown
stems by thick felt of brown
spines on its fruit
spathes.
by 6 stamens + key fruits with
fibrous covering +
3 pores. A striking high in
cluster palm 15 ft high in
dry shade on foothills near
route to Buena Vista above
Villavicencio Colombia
about 3 miles out on N. side of
road at sharp turn. Got
only 1 seedling but shall
arrange for more seed later.
Coll Sept 4 1941
No seeds were mature
so none collected. VF

1082

Leopoldinia (?)
Piassaba, Wallace
Coll by side of road 3 miles E.
V. Ilavicencio Col Towards Bogota
Cordillera
IX-4-41 Cluster Palm 6 stamens

1069

Aiphanes sp? "Inararay"
Since there are 17 species of this
palm genus (formerly called
Martinezia) ~~and since~~ in Colombia
I have not seen the flowers
or flowers of this I cannot
say which one it is. It may be
A caryotifolia. I bought the
handsome
bright
orange fruits 3/4 in across
in the market of Facatativa
where they are sold for food.
The pulp is thin but oily and
sweetish. The endosperm is edible
& tastes like that of the coconut
It might form a table nut.

The great beauty of
this genus of palms
makes it desirable to study
it especially. There may be
better species than the common
one now in cultivation

See photos 25555-2
and Color-photo taken by Dr
John Blagher of Rockefeller
Foundation, Bogota VIII-12-41

1070

Capsicum

Fair sized red pepper of unusual color - almost a salmon color. Very hot when dried. Bought in market in Facatativá Colombia

Fruit 2m x 1½ shape of bull nose pepper

For use of

Plant Breeders

VIII - 12 - 41

Seed coats brown + marked with anastomozing veins
flowers ♂ with 19 ± twisted curved stamens

1071

Coroxylon Guindense ??

Dr. H. Dugan will send material
to Mrs Bornhard for identifi-
cation He says the stamens look
different from this sp The fruits
are much smaller + the seeds
not shiny ~~black~~ black as ours but
Those of C. ferrugineum
a rusty brown and many veins The male
~~The~~ inflorescence is not ferruginous.
but ivory white These seeds
came from

fruits Knocked off a palm
near road to V. Ilotta in sight
of Dr. Victor Frances' house See
Photos 25556-9-10. The male fls
sent to Dr Dugand are from a tree
of Dama Alp growing on a hill
close to

Victor Frances place at "Sasamea"
See photos 25555 12+1
25554-2 + 25553-3 Frances told
us This is the "Palma de Ramos" and
is found on his estate + occurs
no where else The tree trunk had
way like those on Dr Galloways

place (1021) Cer. ferrugineum
+ the large fruited inflorescences
on the ground have much like
but Dugand remarked at once on
absence of any ferruginous character
in the male inflorescence
Petiole 7 cm + in Orange Lagoon

1072

Carica cundinamarcensis?
A Mountain papaya not over
4 in long slightly ribbed from
end to end and containing
a white edible (?) pulp that
surrounds the seeds. This
pulp is eaten – the rind is
not Edible. Sold on the
market
of

Facatativa altitude
above 5000 feet. The plant
is smaller than the ordinary
C papaya. Attempts have
been made to grow this in

Florida but without
much success. Perhaps
Mr Lynch may like to
try it for its pollen for
crossing

Colombia Facatativa
VIII-12-1941

1073

Opuntia

Small purple fruited species sold on market of Tacatatira Colombia

It may add a new form to the Colonels Cactus Collection Altitude 5000

VIII 12-41 ft m Orange Grove Section of Country.

Photos 25558-11-12 1074

Juglans colombiensis.
The Colombian walnut
These seeds came from the
"Quinta Bol. var" in Bogota
which Quinta, like Mount
Vernon, is kept sacred to
the memory of the great
liberatador
Simon

Bolivar. The Tree
furnishes a wood much
like that of the North American
species J. nigra but the
fruits are smaller and with a
smooth

skin. Dr. Dugan tells
me this species is being
planted for its timber in
Colombia. Has anyone
need to crack it worth

The California walnut
a la Burbank?
July Aug 10-1941

Mrs Samp
of Bogota
Says nuts
are excellent
eating!

1075

Persea americana A wild avocado with small fruits having rather thin flesh of a watery nature & a large seed. These were 2½ in by 2¼ in only. I think the tree came from seed thrown out by a passing traveller

But it represents the type of Avocado common on the markets here. They all lack flavor are watery & large seeded. On the chance that they may represent a type useful for the plant breeder I send these seeds in. Send them to Lynch for his collection with this information.

Sabanna on road to Victor Francos place near Villetta, Colombia VIII 12-41

1076

Acrocomia sp. "Corozo"
Large palm with thick trunk
long leaves that conceal it
are covered with long sharp
spines on midrib only. The
fruits are large, 2 in through
with persistent calyx and with
patches of sharp short re-
curved brown hairs. These
easily rub off and are very
irritating to the skin

The fruits are rounded
with a persistent stigma
and the pulp around the seed
is abundant and very fibrous
I have been unable to clean
the fibers off the seed. The

shell is thick + difficult
to crack. A stocky palm of
handsome stature. Solitary
on open Llanos Route To
Puerto Lopes near Peralonso
Colombia
VIII-5 1941 Photos 25561-5 6 7

Aug. 5 1941

Acrocomia sp. "Corozo"
Fruits with recurved hairs
fine spiny fruit clusters very
large. Solitary on Llanos
Peralonso. Route Villavicencio To
Puerto Lopez Col. VIII-5-41

Photo of Tree 25541-8

T. Boliviensis? 1077

Triplaris Americana

This handsome flowering tree is common here on the Llanos Orientales of Colombia. Its male trees are grey with inconspicuous flowers but its female trees are a mass of gorgeous red flowers.

I think this may be different from the type for the calyx lobes are not over 2½-3 cm long whereas according to Standley in Panama they are 5 cm. long. The hollow trunk & branches of this tree are filled with a most vicious stinging ant Pseudomyrma which stung my legs severely when I gathered these seeds on the roadway from Villavicencio to the Air Port Colombia Aug 28 - 1941

1078

Heliconia sp

A single seed from one of the handsomest Heliconias I ever saw. It has pendant flower clusters 3 to 4 feet long with individual flower bracts that are 8 in long & graceful boat shaped parts colored, the edges being green, above the green zone a lavender one, then the balance of the bract a purple red. Very striking.

Collected for Nancy Bates who found it in the jungle of the Ocoa River near V. de Vicencio Colombia by her Mother M H B Fairchild Aug 25 1941

The plant has long delicate leaves 4 ft long that ~~break~~ split easily into many long leaflets like pegmants This plant will require continual moisture rich soil and shade for it grows in the wet jungle

Photos 25544 – 11 and 12 MBF Do sing.

Heliconia sp

Jungle Ocoa River
near Villa Vicencio Llanos
Oriental Colombia Aug 25 41

1079

Prunus capulus

In the Tierra fria and Tierra templada of Colombia This tree is wild or planted everywhere and its small fruits are made into preserves that are much appreciated by

the Colombians.

Wilson Popenoe died ends of 12 years ago and many kinds of it were made in Florida +

Other Southern States but I do not know of its being tried out thoroughly in Southern Florida

This seeds are for Mr Lynch and Dr Fairchild and Chapman Field. Call in Bogota Colombia Aug 1941

1080

Annona cherimola

Seeds from a large dark green fruit that weighed over a kilo and became pitted too green was not of first class flavor. It appears to me to represent a different type of Cherimoya from

the Peruvian Cherimoya or the type I have seen in Madeira Isl and may grow better in Florida. There

came from Guayata village probably. They were sent me by Mr Darne Sampler of Bogota. Aug 25 1941

(To Mr Roy Page Coun Agent

Please send some seeds of to Mr Lynch Mr McClelland and some to Wray M Bowden Brandy Experimental Farm Boyce Virginia and to Zimmerman, Pikestown Pa.

Photo ~~25547~~ 25543-6 part of photo only

1081

Aroid probably new Sp.

Very delicate little aroid with mass of aerial roots that fasten it to the tree + with long long strap like leaves 12 ins ~~long~~ ovate, pointed with a pulvinus at base of blade

Flower cluster a long slender grass like stem

purple with single bract 18 in long. Fruit Cluster compact of 40 or so scarlet berries oval. flattened 1/2 in. x 3/8 translucent. Very showy indeed.

Flowers not showy

Spike 4-5 in x 3/4 in when ripe.

The single plant from which this Aroid were gathered was given to me by Daniel ZULUAGA of Villavicencio who collected it in the forest at URIBE in the Meta province Llanos Oriental

Aug 1941

Bactris cuvaro ?

COLLECTED BY DAVID FAIRCHILD 1082

Pericles ? B. gracilipes ?

Leopoldinia Piassaba, Wallace ?

This is I think the "Chiquichique" palm but Dr. Dugan has been sent herbarium material that will determine it. It is characterized by almost entire broad leaves that do not split up into segments by long black spines on leaves + stems by thick felt of brown spines on ~~JUNK~~ RAMPONS its fruit spathes

FAIRCHILD GARDEN EXPEDITION

with 6 stamens + 6 fruits

fibrous covering. + 1082

3 poses. A striking high in cluster palm 15 ft

dup shade on foothills near route to Buena Vista above Villavicencio Colombia.

FAIRCHILD GARDEN EXPEDITION

about 3 miles out on N. side of

road at sharp turn. I got only 1 seedling but shall 1082

arrange for ripe seed later.

Coll. Sept 4. 1941

No seeds were mature so none collected. VF

FAIRCHILD GARDEN EXPEDITION

1068

Dahlia Sp Pink flowered
form common along the Road-
sides in the Cool regions of
Colombia forming shrubby
plants 10 feet tall 3 to 4 inches
in across quite florferous
These seeds came from a plant
on the Road between Bogota
and Villa-
Vicencio
Colombia This may
be D maxoni I cannot
find its name in any literature

Note. I think it may
be D. lehmanii.
was informed it was
by Martin Hochmuth
the Nurseryman of Bogota
he gave me some
seed. & Paul Ehrle
Collector of Herbaceous Garden
Dept of Newton Ohio which
I planted on Slat House
in Kamloops. 11-15-
1941

Dahlia Sp
Pink fl shrubby
form on roadside at
6000 ft Bogota - Villavicencio
VIII-14-41

Photo 25538-8,9

Posoqueria latifolia 1083

Undetermined ornamental tree (Structure related to gardenia) having white tubular flowers 8 in long and small petals that are reflexed allowing stamens to protrude. These spring when touched and throw their pollen several inches - a most amazing performance.

Struck

The stigmas of the pistils which are only half as long as the flower tubes may receptive after the flower falls & be pollinated by the birds which are used to visit the large, pendant flowers for nectar

Clusters of flowers from yard of Mr Manuel Pardo Taylor Calle 4 No 251 V. Havicencio Sept 5 41 Colombia.

Gardenia "Cachaco"

Flowers 6 in long in clusters Sept 5

Stamens have contracted 6/4, for throwing pollen Tree in place on V. Havicencio Calle 4 No 251

1084

Tradescantia multiflora Sw (?)

The small blue flowers of this species occur in clusters of 50 flowers or so. They have faded blue sepals but pretty blue petals. The flower cluster enlarges into a fruit cluster 5 in long & bears numerous mulberry red berries 3/4 in long — attractive. For the binding of Tradescantias this species with its flowers in clusters might be valuable. A shade loving species.

Collected on a wood road near Villavicencio Colombia Sept 5 1941

Tradescantia multiflora
Shady road in forest near Villavicencio Col
Sept 5 1941

1085

Bromelia. Sp

Leaves 2 ft long x 2 in wide. Flow Spike 1 ft long green & yellow with red bracts 2 in long that are strongly serrati Not very showy but attractive

Coll in bushes by Side of road to Cortes ~~Pto~~ ranch Villa-vicencio Colombia

Sept 5 = 1941

would be a pronice type

1086

Passiflora sp
maybe a form of P. v. t. folia
The flowers are 6 in across
and brilliant, gorgeous
scarlet. One of the
most striking flowers
imaginable.

Single vine in
thicket by roadside
route to Acacia near
Villavicencio, Colombia. No fruit
ripe

Difficult to get even
a rooted cutting.
When passes Quarantine
send to Fairchild
Tropical Garden
Coconut Grove,
Fla for propagation
Sept 11 41 David Fairchild.

1087

Bignoniaceae.

Arrabidaea sp?

Rampant vine in fruit
row producing masses
of large lavender flowers
of shrimp beauty.
Should make a
valuable

pergola vine for
S Florida. May be
close to A isthmica
Haw Ant dicea

Specimen to Dr.
Dugand for identifi-
cation.

When passed by
Quarantine plant
and Fairchild Tropical
Garden Coconut Grove Fla.

1088

Passiflora ligularis, A. Juss.
called "granadilla" in Colombia
Fine flavored fruit
2½ in in diameter reddish
brown with small dots and
bands marking segments
The seeds + their arils are large
½ in long and hang together
so the whole mass can be
lifted out
at one time

Flavor is "most
delicious I have ever
eaten" says Mrs Fairchild
Bought on market in
Villavicencio Colombia

Sept 1941
Its amerella shell is
hard + does not shrivel
when fruit ripens This
will be a mate asset if

it fruits well in South
Florida It tastes much
like a grape.

Photo 25530 Sept. 1941
Serjania sp.
1089

Rampant liana with
pale lavender flowers
in dichotomous large
showy clusters. Bignoniaceae. Saw from road
to air Port at Villa Vicencio
Colombia. Only one
specimen seen. It was
in fruit
+ as it is

Flowers were all
parasitized. Dug up
the large root. Its young
roots were blood red.
If it flowers on 12th

perhaps it will
attract many people
to see it. Requires
much moisture.
Sept 12-1941

Rampant liana
Bignoniaceae
pale lavender in large showy clusters. Villa Vicencio
Road to Air Port Sept 12 41

Serjania sp S.P.I. 109441

1090

Combretum sp
Shrubby vine log
Roadside Villavicencio to
- Air Port Flowers an
incon spicuous greenish
white but young
fruits are a beautiful
pink making it
very

Striking Object.
Showed ada a touch
of color & interest to
the Pergola in the F.T.G.
Coll ends Sept 12-41

Specimen of
mirsipe And
with their wings which
color up beautifully
Aug 22 1941

Combretum sp.
Roadside Villavicencio
to Air Port Colombia
Left side of road from
Air Port Seed coll Sept 12-41

Photo 25544-8,9

1091

Bignoniaceae.

Rampant liana with large leathery leaves and immense clusters of ivory white flowers 2 in long + of a rather firm texture. The clusters borne near ends of slender drooping branches.

Not fragrant.

The clusters remind me of those of Bignonia magnifica but are white + very showy.

Call near 132 Km from Bogota on the Villavicencio road. Air Port Colombia Fls coll. Aug 24 41

Dwight M. Davis Aug. 1941

Bignoniaceae

Rampant liana with very white flowers 2 in long in clusters

V. Villavicencio - Air Port Road Aug 1941

1092

Gynerium sagittatum
"Caña brava"

This grass resembles the Arundo donax but its leaves have quite a different habit. They form a crown that is very major + attractive. This

Su photos 25541-6 and 25534-12 along the sandy Alvarado beds this so called

Caña brava grows Cayuriente. It may grow on the glades. A Japanese tells me. The shoots are good to eat but I find them bitter when fresh. This cane is used here extensively for basket + mat weaving + for mud wall construction Sept 12.41

Villavicencio Colombia
Sandy bank of Orova River

"Toronja"

1033

"Toronja" A Solanaceous tree about 15 ft high and covered with golden yellow spines. Its leaves have a tinge of purple and are very pilescent & downy. The flowers are purple and the fruits which are round and 2 in. in diameter are covered with a coating of golden yellow under specimen ½ in long are so that they. difficult to handle. Inside, these fruits have a translucent pulp full of light brown flat seeds. The flavor is agreeable and a sweetmeat is said to be made of it with sugar. I did not get a good chance to sample a properly ripened fruit. Seeds from a fruit that had fallen from the tree shown in Photograph 25530-4 Taken in the garden of Senor Melchizedeck Pinzon in outskirts of Village of Arcabuco Colombia Sept 21-41

The tree is a striking looking one & growing in the comparatively dry zone of the high altitudes may grow in Florida. The botanists in Bot. Institute did not know its scientific name.

1094

Quercus sp Dr. Cuatrecasas
Thinks This is a new species
of oak & has given his
Herbarium Specimen of it
the number #8100 Collected
This acorns under a small
oak tree with rather slender
leaves that was not over
20 ft
high.

It grew on the hillside
in a pasture near the
village of Arcabuco
a days run north of
Bogota at altitude 3000

meters or thereabouts
The rainfall here is
much less than that of
Bogota however & perhaps
the oak may grow in

Florida Somewhere
It is worth a trial
Sept. 22 1941

1095

Salvia sp. not identified as yet by Dr Cuatrocasas of the Instituto Botanico of Bogota. As I saw it growing on the bank below the level of the Carratera leading up to Choconta 80 km from Bogota I thought its deep red flower + purple-brown stems formed a stunning picture. It should prove a most interesting border plant growing as it does to a height of six feet or more. The altitude was about 3000 meters but it was in the dry zone of Colombia where it sometimes does not rain for 2 years

See Photo 2553-9. The color of the flower is brighter than that of the "Scarlet Sage"

Sept. 22 - 1941

This is Sprekelia formosissima 1096

Amaryllus sp or Hippeastrum

Species unidentified but probably one of wild forms of Colombia although I found it in the garden of Señor Melchizadeck Pinzon on the hillside near village of Arcabuco It bore flowers of great beauty that

were almost paludia shaped with slender petals not united into tube until at near base. The color was a superb brilliant lacquer red hard to describe.

The flower stem was short + leaves broad + the cluster was a dwarf cluster. Thought it particularly beautiful. Never saw an Amaryllis quite like it see that three

got (one or two bulbs at least) to Mr Splinter for his breeding work

Alt 3000 meters but in a zone where long drouth occur Boyaca Colombia N of Bogota Sept 22-41

1097

Solanaceae Large branched tree 30 ft. high growing in pasture where we lunched. Its leaves are large, pubescent above accuminate short petioled; it bore many fruits the size of walnuts with a curious & irregular disc at the base thus

It would make a good shade tree. Its apt I have been unable to get it determined. Fruits filled with dark seeds of it reminds me a little of the Solanum Quitoense as far as fruits are concerned. See photo 25517-2 of tree

Coll Km 100 Km — Medellin — Cali Road
Rio Nare Sept 29 1941
Colombia.

1098

Coroxylon ? Grandiflorum

Jr. Sabato. 25326-5 These
grow on the hillside 11 Kilometers
from Bogota on the Caqueza Road
at what is known as the
the collector, John J. Singler - Mary
J. Standley. Victor Francos place
as Photo 25324-2 which
Dugand thought was Grandiflorum
The leaves

were

pressed up off the Coronas
as there were no fruits
fruits on the trees themselves
I thought the fruits were
larger with slightly different
markings but had no
chance to tell as
palms they were too
high for the boys to get to
go up the trees. Further
Study. Not determined

Have to [illegible]
[illegible] Let
[illegible] The trunks are
very little the [illegible] 40 years
[illegible]

1099

Musa ensete ? The trunk of this Musa is perfectly enormous - 3 feet through at the base It is inclined to be streaked with dark discolorations but is nevertheless a most interesting

form These seeds were taken from a specimen with an enormous 6 ft long fruit cluster The brown scales

Cover bananas like yellow fruits Smell very much the same as Roots and bark. Taste less. I never saw them

a process growing well + think it ought to make a fine ornamental Coll Sept 27th between Fusagasuga + Alban, Colombia

Sm Photos 25527 - 10, 11, 12

Rugosa 1100
Petraea Roxburgh

A very thick leaved
form of this flowering
climber that had
quite a different look
from any Florida
(Unlike in the Flora of
Antioquia gives it the name P. rugosa)
Species. Its
petals seem larger
relatively. May be another
species. Call by Mrs
Fairchild
near old church
in Mariquita, Col
It was in Mariquita
that Casada the founder
of Bogota died of
leprosy
Sept 28 - 1941

1941

1101 – 1150.

Begun Auto trail to Medellin IX 28

Closed Guatemala City XI 4. '41

+ Rubus sp. 1101
Albizzia sp 1102
-10-09 Bromelia -03 -10
Undetermined -04
Matisia cordata -05
Spondias purpurea -06
Datura sanguinea -08
+ Solanum spiny -11
Passiflora quitensis -12
Sponsera tricolor -13
Acrocomia antioquiensis -14
Hippeastrum Equestre -15
+ Schuelea butracea -16
+ "Cardon" Liliaceae -17
Caesalpinia tinctoria -18
Pachira sp -19
Acrocomia -20
Undetermined Blackberry Tree -21
Malpighia sp -22
Quiliclus speciosa -23
+ Aristolochia - 24
Calathea - 25
+ Antigonum guatemalense -26
+ Cupressus benthamii 27
+ Acradelpha viridis 28
Spondias purpurea 29
Malpighiaceae 30 33
Capsicum annuum 31
Passiflora 32
Sechium edule 34
Sponsera tentatus Red flesh 35
+ Dahlia Pofenorii 36
Malva sp. 37
Annona Cherimola 38 39 40
Cirsus sp 41
Chamaedorea 42
+ Raphia taedigera 43
Persea schiedeana 44
Pinus oocarpa 45
Chamaedorea rhombea 46-49
Acrocomia Vinifera 47
+ Sprekelia formosaissima 48
+ Olneya tesota Bateleriana 50

Phot 25520-5

1101

Rubus sp a fine flavored raspberry with fruits elongated like loganberry growing wild on the mountains near Km. 52 ~~on~~ from Manizales on Road to Honda near village of Las del Gaditas

JUNK KAMPONG FAIRCHILD GARDEN EXPEDITION

Colombia. The foliage is almost white beneath rather coarsely irregularly serrate The fruits are 1 in long by 3/4 in in diameter ~~of~~

FAIRCHILD GARDEN EXPEDITION

1102

sprightly acid sweet taste Altitude about 1800 to 2000 meters Sept 28 1941

FAIRCHILD GARDEN EXPEDITION

Seeds to 1102

Dr West Institute of Technology Pasadena Calif

FAIRCHILD GARDEN EXPEDITION

He may grow it in Air conditioned

1102

Albizzia sp. (may be Carbonaria)

Fls. pink tipped white. Stamens
feat to top of tree with thin
feathery foliage 25 ft
high. Planted as shade
to coffee in Colombia
a rather attractive species

JUNK KAMPONG
FAIRCHILD GARDEN EXPEDITION

1103

woods trying as a
shade tree in Junk.
Coll from Kilometer 72
on road from Bogotá to

FAIRCHILD GARDEN EXPEDITION

Cambao, Colombia
Sept 27. 1941
Pods clustered Thin and
not over 6 in. long.

FAIRCHILD EDITION

1103

FAIRCHILD GARDEN EXPEDITION

Photo 25526 – ~~#~~ 2

1103

Bromeliad We saw
this striking red flowered
bromeliad growing on
the porch of the hotel
'La Florena' about 1½ hours
out of Bogotá
(50 Kilometers)

JUNK KAMP
FAIRCHILD GARDEN EXPEDITION

The flower cluster 1101
was near 6 feet tall and
2½ wide & lacquer red
its small & bluish. It
is an amazing species
and FAIRCHILD GARDEN EXPEDITION
sure effort should
be made to grow it.
on our docks.
Sept 27. 1941

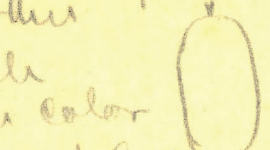
FAIRCHILD EXPEDITION

We saw her species 1103
in the tops of the forest
trees from the roadside.
This region would be a fine
place to get seeds of Bromeliads
FAIRCHILD GARDEN EXPEDITION

COLLECTED BY [illegible] FAIRCHILD

1104

Undetermined

A single fruit shaped like this  and of a pale green color was taken from a plant I could not determine this was growing as an ornamental in the garden in the City park of Pasto Pasto Colombia

FAIRCHILD GARDEN EXPEDITION

See page 25-453
for list of ornamentals used in this garden.

EDITION

~~Seed~~ Probably a wild species but not certain. 12/29/41

FAIRCHILD GARDEN EXPEDITION

Sea Photos 25516 3T:6 25394-4-6
25398-1-2
25393-7-8

1105

Matisia Cordata. The "Sapote" or "Chupachupa" a malvaceous fruit of some merit having a flavor of coconut & many fibers. The fruit is large, sometimes 4 in across and 3 in long

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FAIRCHILD GARDEN EXPEDITION

shaped like a top. 1105
green even when ripe and covered with a soft pubescence and with a large persistent calyx. The skin is 1/4 in thick & the seeds 4 or 5 in each fruit are

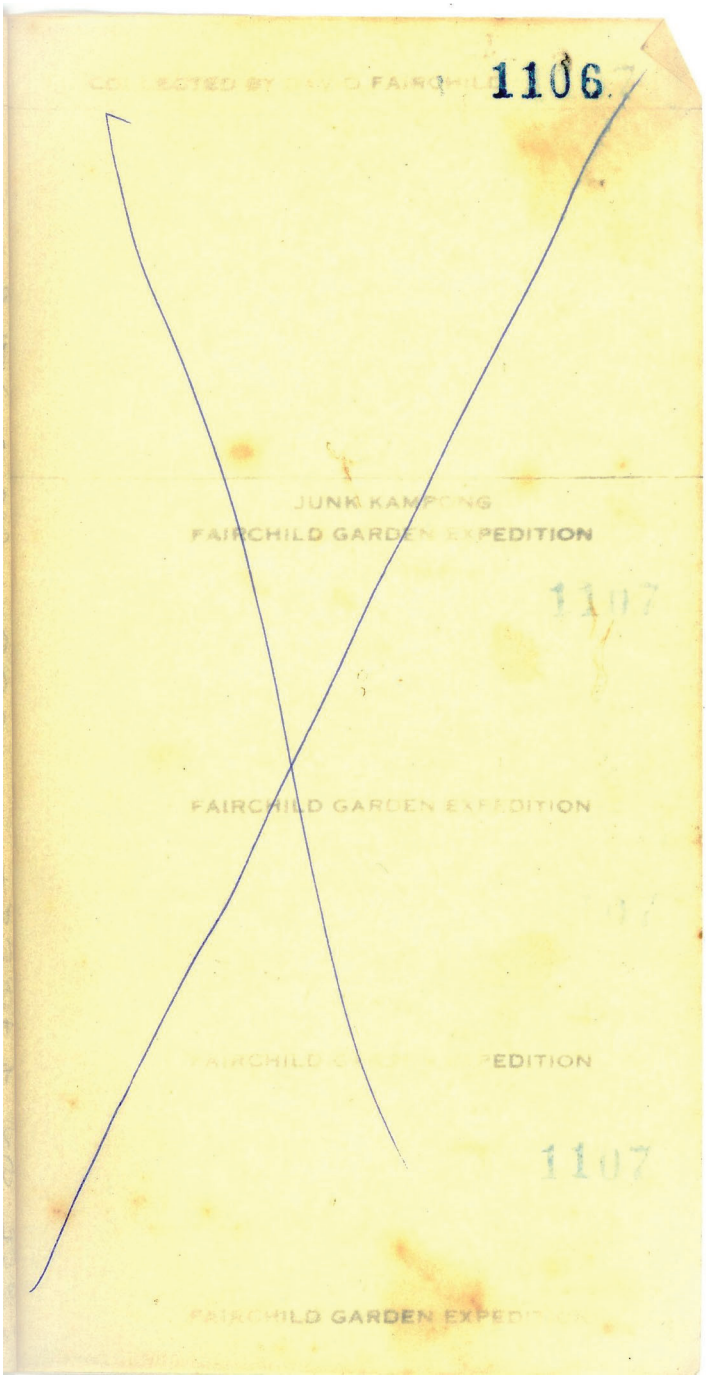
FAIRCHILD GARDEN EXPEDITION

large, shaped like a Brazil nut & covered with long yellow fibers that make the fruit hard to eat. But the flavor is very pleasant & evidently the fruit is much

EDITION

eaten in Colombia. The tree has large round pubescent leaves & is in itself attractive. Cali Market of Maraquita Col Sept 28 1941 Same shrubs as 1048.

1105


1106.
JUNK KAMPONG
FAIRCHILD GARDEN EXPEDITION
1107
FAIRCHILD GARDEN EXPEDITION
1107
FAIRCHILD GARDEN EXPEDITION

COLLECTED BY DAVID FAIRCHILD 1106

Spondias purpurea
"Hu Ciruela" of Colombia.
Delicious fruit sold in
quantity on markets of
the country. These fruits
come from (especially)
large trees 1 3/4 inch long

JUNK KAMPONG
FAIRCHILD GARDEN EXPEDITION

and 3/4 in thickness
When ripe they are
a red color & with a
red blush. The fruits are
rough

1107

FAIRCHILD GARDEN EXPEDITION

but the pits in them
are rather shallow
so that the flesh does
not cling to them

1107

FAIRCHILD GARDEN EXPEDITION

Acid & sprightly flavor
that is delicious.
Bought in fruit
store in Medellin, Colombia
Sept 30 - 1924

1107

FAIRCHILD GARDEN EXPEDITION

COLLECTED BY DAVID FAIRCHILD

1108

Pisum sativum. This is an entire new variety of pea to me. ~~Seeds~~ ~~black~~ Nearly every pea has a black hilum which gives to a dish of cooked peas, as served on the tables in Bogota a very characteristic appearance. It is called the Black Eye Pea I believe. I saw some young peas in their pods before the hilum turned

JUNK KAMPONG
FAIRCHILD GARDEN EXPEDITION

black & found the pods quite sweet. It may be especially adapted to tropical climates. I think it is

FAIRCHILD GARDEN EXPEDITION

grown at about 600 meters to 1500 meters altitude but am not certain. Coll. in market at Maraquita Col. Sept. 28 1941

FAIRCHILD GARDEN EXPEDITION

1109

Bromeliad

Flower cluster 6 feet tall brilliant ~~red~~ lacquer red. Individual ~~clusters~~ ~~clusters of individual~~ flowers in long manner into a flat hand-shaped cluster sometimes 6 inches long and 8 in width. The whole inflorescence ~~was~~ was about 6 feet long and a foot wide. See photo 2536-3 with mount + dog posing. This specimen with flowers in a tin can near the ~~hundred~~ hundred here ~~here~~ at the little hotel La Lorena 30 Km. from Bogota on the road to Honda.

Altitude 2200 meters. ~~It is~~ Sept. 21 possible that may be a mix up in ~~these~~ these 4 photographs + that 1109 + 1110 should be ~~switched~~ switched

1110

bromeliad.

Brilliant lacquer red flower cluster more open in character than [1109] and not so large but at least four feet tall. Leaves were blunt pointed. See Photo 25526-1 with gardener ~~boy~~ holding it against the sky. Three giant bromeliads are abundant around this part of the trail near La Rovena Hotel at 2200 meters

50 Km from Bogota towards Honda.

Should add a striking feature to the gardens as Florida would grow well ~~Ethnic~~ in the Oaks

Coll Sept 27-1941

COLLECTED BY FAIRCHILD 1111
JUNK KAMPONG
FAIRCHILD GARDEN EXPEDITION
1111
FAIRCHILD GARDEN EXPEDITION
EDITION
1111
FAIRCHILD GARDEN EXPEDITION

1111

Solanaceae undetermined

Striking blue flowered tree with large spiny leaves and stems covered with yellow spines all over. Fruits round 1½ in through & very spiny. In fact one of the spinest plants I ever saw but nevertheless a most interesting

JUNK KAMPONG
FAIRCHILD GARDEN EXPEDITION

picturesque species.
Tree about 8-10 feet tall.
Collected near roadway
from Villavicencio to Puerto
Lopez Colombia where it
is rather abundant.

See photo 25549-1-2
with Jorge Boshell holding
st. I deposited specimen
in Herbarium at Instituto
de Ciencas Naturales Bogota
for determination.
It reminds me of the
"Toronja" of Arcabuco Alt
Coll Aug 16. 1941

FAIRCHILD GARDEN EXPEDITION

No 1093

1112

Passiflora quitensis

Small straw colored fruit with thick rind + pulp having peculiar perfumed flavor that recalls P. pallens of Florida

somewhat but is not so pronounced. Liked it but Mrs Fairchild did not. Send it in for the breeders of these

Passifloras to test use in hybridization Bought the fruit in a fancy fruit shop in

Bogota Colombia when it was sold together with Passiflora ligularis Evidently the Bogotans like it

Sept 21-1941

1113

Ipomoea bicolor

very floriferous pink vine
with flowers that have
a peculiar irregular shape
and are bicolored red yellow
& white. Saw it in
the Nursery of the Escuela
Nacional
de Agronomia in
Medellin where it was
called "Batatilla" by
Dr. Robledo. See photo
of him

and Mr. Uribe standing
beside the vine. I
conjecture that may add
a valuable new
vine to our pergola.

Coll Oct 2 1941
Medellin Colombia.
Photo 25515-9

1114

Aerocomia Antioquiensis

This is the Corozo palm of the province of Antioquia "Corozo grande" sometimes called. According to Dr. E. Rabbedo who gave me this seeds the name for this species which occurs in great numbers on the mountain sides between Manizales and Medellin. I saw them at dusk as we drove through Sept 28th The fruits are a good food for hogs I understand. I notice no irritating hairs on the fruits such as are

Sept 30. '41

found on the Guanos Trichilale Aerocomia. Fast growing handsome spiny palm. From Robledo Garden near Medellin Colombia

COLLECTED BY D. FAIRCHILD 1116

1115

Hippeastrum equestre ?

A wild growing form
that occurs in Bafinta
patches a foot or two
across in the fields
on either side of the road
near the JUNK KAMPONG town

FAIRCHILD GARDEN EXPEDITION

of Chocontá north
of Bogota. There bulbs
produce a light pink
colored flower and
are

FAIRCHILD GARDEN EXPEDITION

known as Amancaés
and are considered
wild. The flowers are
rather small 2-3in across
on

FAIRCHILD GARDEN EXPEDITION

stems that are 1½
feet high.
These I collected especially
for Mr Splinter the Amaryllis
breeder. Calif. Sept 21-41

FAIRCHILD GARDEN EXPEDITION

Photo 25525-10, 11

COLLECTED BY FAIRCHILD

1116

Scheelea butyracea

I am not certain of this identification but it is A close to that species. A thick trunked heavy crowned palm of medium stature which bears great clusters of yellow fruits that have an odor of old rancid butter. JUNK KAMPONG FAIRCHILD GARDEN EXPEDITION

These fruits have a fruit flesh that is very strong and filled with oil and are edible sweet. This palm was found on slopes of Magdalena valley after we passed Vianí. Strikingly handsome palm. Altitude about 2000 meters. Our groves at 600 meters. Fruit is sold on the Bogota market. It is called "Corozo de Vaca" The bunches are brought from trunk in characteristic way. Coll Sept 28 '41

FAIRCHILD GARDEN EXPEDITION

COLLECTED BY FAIRCHILD 1118

1117

Undetermined Liliaceae
on a mud wall by the side
of the road (See phot. 25534-7)
Nancy D saw growing this
strange looking plant. It
very flower cluster was
composed of horny pods
& these were full of curious
flat grey seeds. The
old woman

JUNK KAMPONG
FAIRCHILD GARDEN EXPEDITION

who owned the place 1118
said she called the
plants "Cardons" but this
name means little.
She said the flowers were
blue

FAIRCHILD GARDEN EXPEDITION

and very pretty
I failed to get this
identified in Bogota
It may be a dasylirion
of some kind.

FAIRCHILD EXPEDITION

It was growing 1118
at about 2000 meters
altitude in one of the
dry zones of Colombia
The flower spike was 6 feet long.

FAIRCHILD GARDEN EXPEDITION

Sept. 21. 1941

COLLECTED BY FAIRCHILD 1118

1118

CAESALPINIA ~~SPINOSA~~ TINCTORIA (Dombey)

The Guarango of Antioquia
the Dividivi of Cundinamarca
Colombia Small tree
& attractive habit which
often seen growing in
Cabbage yards ~~around~~ in
the drier zones ~~of~~ about
Bogota JUNK KAMPONG
and FAIRCHILD GARDEN EXPEDITION

the pods of which
are often produced in
considerable quantity
They are a brick red color
flat, 4 in long and contain
large

amounts of a powdery
tannin material They are
used in tanning but to
what extent I have not
found FAIRCHILD GARDEN EXPEDITION

Cont. Uribe in his Flora de
Antioquia 1941 p. 196
gives the synonyms of this
species Its yellow flowers
are in smaller racemes than
those of C. coriaria Cult. Route to
TUNJA Colombia

COLLECTED BY FAIRCHILD 1119

Pachira sp.

Large shade tree which I thought might be P insignis but is not that species. found in the grounds of Dr Robledo's estate on the outskirts of Medellin Colombia. where the climate is very dry — irrigation necessary

Dr Robledo says the fruits are large and the seeds good to eat. This is ~~not a native~~

Perhaps an introduced species. It may however be Pachira alba, Endlicher in Uribe's book on the nature of Colombia.

Oct. 4 '15

FAIRCHILD

1120

Acrocomia Sp.

Paul Allen Collector No 2213

Palm Grows in the Orchid Garden in Balboa. Allen has sent specimen to Dr. L. N. Bailey for determination

FAIRCHILD GARDEN EXPEDITION

Dr Bailey wrote him it was possibly a new species. The fruits look very much like

FAIRCHILD GARDEN EXPEDITION

those of no number 1114 from Medellin Colombia. The palm is a very handsome one with

FAIRCHILD GARDEN EXPEDITION

long hanging leaves. It has the ~~two~~ spines united to the genus occurs in thickets on Pacific slopes of Panama. 35-40 foot palm

FAIRCHILD GARDEN EXPEDITION

Presented by Paul Allen Oct 7 41

Sent P.I. 82 A Vicinal Costa Rica Llanos Cuenca